



MRI REFERENCE CHART

CLINICAL INDICATIONS

SUGGESTED EXAM

HEAD / BRAIN

DIZZINESS, HEADACHE, STROKE, WEAKNESS, TIA, CHANGE IN MENTAL STATUS, DEMENTIA
TUMOR, SEIZURE, EPILEPSY, MS, HISTORY OF CANCER, BELLS PALSY
HISTORY OF BRAIN ANEURYSM, CIRCLE OF WILLIS ANEURYSM, TIA
VENOUS STROKE, VENOUS THROMBOSIS

MRI BRAIN WITHOUT CONTRAST
MRI BRAIN WITH AND WITHOUT CONTRAST
MRA (MRI ANGIOGRAM) WITHOUT CONTRAST
MRV (MRI VENOGRAM) WITHOUT CONTRAST

TEMPORAL BONE / ORBITS / PITUITARY

ACOUSTIC NEUROMA, HEARING LOSS, TINNITUS, VERTIGO
PROPTOSIS, OPTIC NEURITIS, ORBITAL PAIN
PITUITARY ADENOMA, ABNORMAL PROLACTIN, GALACTORRHEA

MRI BRAIN WITH IACS WITH AND WITHOUT CONTRAST
MRI BRAIN WITH ORBITS WITH AND WITHOUT CONTRAST
MRI BRAIN WITH PITUITARY WITH AND WITHOUT CONTRAST

NECK / BRACHIAL PLEXUS

CAROTID STENOSIS OR BRUITS, HISTORY OF TIA OR STROKE,
ABNORMAL CAROTID ULTRASOUND, VERTEBRAL ARTERY DISSECTION OR STROKE,
HISTORY OF CAROTID SURGERY OR ANEURYSM, VERTIGO, BLOOD PRESSURE DIFFERENT IN ARMS
BRACHIAL NEURAL PLEXOPATHY

MRA (MRI ANGIOGRAM) WITH AND WITHOUT CONTRAST
MRI BRACHIAL PLEXUS WITH AND WITHOUT CONTRAST

SPINE

NECK PAIN, RADICULOPATHY, WHIPLASH, COMPRESSION FRACTURE
MYELOPATHY, MS, INFECTION, SYRINX, SPINAL TUMOR, HISTORY OF CANCER
MID-BACK PAIN, RADICULOPATHY, COMPRESSION FRACTURE
MYELOPATHY, MS, INFECTION, SYRINX, SPINAL TUMOR, HISTORY OF CANCER
LOW BACK PAIN, SPINAL STENOSIS, CLAUDICATION, RADICULOPATHY, COMPRESSION FRACTURE
MYELOPATHY, MS, INFECTION, SYRINX, SPINAL TUMOR, PRIOR BACK SURGERY, BOWEL
AND BLADDER DYSTRUCTION, HISTORY OF CANCER

MRI C-SPINE WITHOUT CONTRAST
MRI C-SPINE WITH AND WITHOUT CONTRAST
MRI T-SPINE WITHOUT CONTRAST
MRI T-SPINE WITH AND WITHOUT CONTRAST
MRI L-SPINE WITHOUT CONTRAST
MRI L-SPINE WITH AND WITHOUT CONTRAST

ABDOMEN / PELVIS

POSSIBLE OR KNOWN MASS OF LIVER, PANCREAS, KIDNEY, ADRENAL
BILE DUCT AND PANCREATIC DUCT EVALUATION, BILIARY OBSTRUCTION
PELVIC PAIN, MASS, ABNORMAL PELVIC ULTRASOUND, GYNECOLOGIC OR PROSTATE ABNORMALITY
PELVIS TRAMA, POSSIBLE HIP / SACRAL / COCCYX FRACTURE, SI JOINT PAIN, MUSCLE STRAIN
RENAL ARTERY STENOSIS, MESENTERIC ISOHEMIA

MRI ABDOMEN WITH AND WITHOUT CONTRAST
MRCP WITHOUT CONTRAST
MRI PELVIS WITH AND WITHOUT CONTRAST
MRI PELVIS WITHOUT CONTRAST
MRA (MRI ANGIOGRAM) WITH CONTRAST

ARMS / LEGS

DEEP LIMB PAIN, BONE PAIN
INFECTION, SOFT TISSUE MASS, NEUROMA, GANGLION CYST,
OSTEOMYELITIS
CARTILAGE INJURY, LIGAMENT TEAR, OCCULT FRACTURE, OR PAIN OF
SHOULDER, ELBOW, WRIST, HAND, FINGER, HIP, KNEE, ANKLE, FOOT OR TOE
SHOULDER LABRAL TEAR, INSTABILITY, OR AGE LESS THAN 40
HIP LABRAL TEAR, FEMORAL ACETABULAR IMPINGEMENT

MRI (INDICATE AREA OF INTEREST) WITHOUT CONTRAST
MRI (INDICATE AREA OF INTEREST) WITH AND WITHOUT CONTRAST
MRI (INDICATE AREA OF INTEREST) WITHOUT CONTRAST
*MRI ARTHROGRAM OF SHOULDER
*MRI ARTHROGRAM OF HIP

*ARTHROGRAM STUDIES REQUIRE CONTRAST TO BE ADMINISTERED INTRAARTICULARLY (A NEEDLE IS GUIDED INTO THE JOINT AND CONTRAST IS INJECTED INTO THE JOINT). THIS WILL REQUIRE THE PATIENT TO HAVE CT GUIDED LD INJECTION STUDY FIRST DURING WHICH THE INJECTION WILL TAKE PLACE FOLLOWED BY AN MRI OF THE AREA IN QUESTION.

IF YOUR PATIENT'S CLINICAL INDICATION IS NOT FOUND ABOVE, OR FOR ANY QUESTIONS, PLEASE CALL US AT THE NUMBER LISTED ABOVE FOR ADVICE.